Title (en)
    ACTIVE ELECTRICAL COMMUNICATION CABLE ASSEMBLY

Title (de)
    AKTIVE ELEKTRISCHE KOMMUNIKATIONSKABELANORDNUNG

Title (fr)
    ENSEMBLE CÂBLE DE COMMUNICATION ÉLECTRIQUE ACTIF

Publication
    EP 2926348 A4 20160727 (EN)

Application
    EP 13859118 A 20130610

Priority
    • US 201213691479 A 20121130
    • US 2013045021 W 20130610

Abstract (en)
    [origin: US2014154921A1] An active electric cable assembly suitable for high speed communication (e.g., 10 Gbit/sec) between electronic devices, such as but not limited to a peripheral device (e.g., storage device, docking station, etc.) and a computing platform expansion bus. (e.g., supporting the standards and specifications associated with the trade name Thunderbolt®). In embodiments, through holes, embossments, mechanical stops, micro-coaxial single wires, thermal pads, and dielectric film sheets are utilized in a robust cable assembly.

IPC 8 full level
    H01B 11/06 (2006.01); **H01R 13/6581** (2011.01); **H01R 13/6594** (2011.01); **H01R 13/66** (2006.01); **H01R 24/62** (2011.01); H01R 13/58 (2006.01)

CPC (source: EP US)
    H01R 13/6581 (2013.01 - EP US); **H01R 13/6594** (2013.01 - EP US); **H01R 13/6658** (2013.01 - EP US); **H01R 24/50** (2013.01 - US);
    H01R 24/62 (2013.01 - EP US); H01R 13/5816 (2013.01 - EP US)

Citation (search report)
    • [Y] EP 2109352 A2 20091014 - HOSIDEN CORP [JP]
    • [Y] US 2002028604 A1 20020307 - LO DENNY [US], et al
    • [YA] US 2012000703 A1 20120105 - KIM MIN CHUL [US], et al
    • [A] CN 201365028 Y 20091216 - SHANGHAI MOLEX CONNECTOR CO LT [CN]
    • See references of WO 2014084904A1

Designated contracting state (EPC)
    AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
    US 2014154921 A1 20140605; **US 8870598 B2 20141028**; CN 104756200 A 20150701; CN 104756200 B 20180126; EP 2926348 A1 20151007;
    EP 2926348 A4 20160727; KR 101719591 B1 20170324; KR 20150065794 A 20150615; TW 201428774 A 20140716; TW I528386 B 20160401;
    WO 2014084904 A1 20140605

DOCDB simple family (application)
    US 201213691479 A 20121130; CN 201380056675 A 20130610; EP 13859118 A 20130610; KR 20157011252 A 20130610;
    TW 102139528 A 20131031; US 2013045021 W 20130610